

***Amendments***

***In the Title:***

Please delete the title and add the following title:

--Human Melanocyte Stimulating Hormone Receptor Polypeptide and DNA--

***In the Specification:***

Please add the following paragraph beginning on page 1, line 2:

--Cross Reference to Related Applications

This application is a continuation of U.S. Patent Application No. 08/387, 805, § 371 Date, February 21, 1995, which is a U.S. National Phase of PCT/DK93/00273 International Application, filed August 20, 1993; which claims priority to DK 1046/92, filed August 21, 1992; DK 1118/92, filed September 10, 1992; and DK 0528/93, filed May 5, 1993.--

Please delete the Sequence Listing that is now on specification pages 95-109, and insert the attached Sequence Listing therein.

***In the Claims:***

Please cancel claims 2-53 without prejudice or disclaimer.

Please add the following claims:

54. (New) A purified DNA comprising a nucleotide sequence selected from the group consisting of